PROJECT PLAN

S3\_Individual Project

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**Version Control:**

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| --- | --- |
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# Project description

I will deliver a software solution that will allow the final users to organize and share their music collection with friends using a synchronized listening system.

Users will be able to log in/ out from their own devices, link their account with an existing Spotify account, search for songs using Spotify catalog, create their own playlists, create a Muziekzaal, send invitations to friends to join his Muziekzaal, receive invitations from friends to join their Muziekzaal, join a friends Muziekzaal, and chat with users that are in the same Muziekzaal.

The concept of Muziekzaal comes from the idea of creating a place where people can meet and share their music experience. In this application a Muziekzaal is a private space where groups of friends can synchronize their listening experience and have a chat online.

SUMMARY OF FUNCTIONALITIES

Everybody will be able to make an account using the app or the website.

A registered user will be able to log in/out of the application and his status (connected/disconnected/listening) will be shown to his friends.

A registered user will be able to search for other users and send them friendship invitations.

A registered user will be able to create a Muziekzaal and invite their friends to join.

A registered user will be able to link his account with an Spotify Account.

A registered user with a linked Spotify account will be able to search music using Spotify catalog.

Users that are in the same Muziekzaal and have a linked Spotify account will be able to view the common playlist, search for songs using Spotify catalog, add and remove a song from the playlist, and chat with other users in the same Muziekzaal.

Users that are in the same Muziekzaal and do not have a linked Spotify account will be able to view the common playlist, listen the music, and chat with the other users in the same Muziekzaal.

Users that are in a Muziekzaal will be able to leave the Muziekzaal without log out in the app.

# 2. User Stories

**1. Create account**

Priority: 100%

Estimation: 1 week

User story:

As user

I can create an account

So I will be able to use the application

Acceptance Criteria:

-I can create an account

**2. Delete my account**

Priority: 45%

Estimation: 1 week

User story:

As user

I can delete my account

So my data will be deleted from the system

Acceptance Criteria:

-I can delete my account

**3. Log in**

Priority: 95%

Estimation: 2 week

User story:

As a registered user

I can log in

So I will be able to use the application

Acceptance Criteria:

-I can access my profile

-I can search for other users

**4. Log out**

Priority: 90%

Estimation: 1 week

User story:

As a logged in user

I can log out

So I will be able to close my session

Acceptance Criteria:

-I will not be able to access my profile until I log in again

**5. Link an account to Spotify**

Priority: 60%

Estimation: 3 weeks

User story:

As a logged it user

I can link my account with an already existing Spotify account

So I will be able to search for songs in the catalog

Acceptance Criteria:

-I can link my account with an Spotify account

-I can search songs using Spotify catalog

**6. Send friendship request to registered users**

Priority: 85%

Estimation 3 weeks

User story:

As a logged it user

I can send friendship requests to other registered users

So if they accept they will be added to my contact list

Acceptance Criteria:

-I can search for other users using a filter by name

-I can send a friendship request to a selected user

-I can see the users that accepted my request in my contact list

-I can receive an friendship request

**7. Remove an existing friendship**

Priority: 50%

Estimation: 1 week

User story:

As a logged it user

I can remove users from my contact list

So we will not longer be able to connect.

Acceptance Criteria:

-I can remove an user from my contact list.

**8. Create Muziekzaal**

Priority: 80%

Estimation: 3 week

User story:

As a logged it user

I can create a Muziekzaal

So I will be able to invite friends to join it.

Acceptance Criteria:

-I can create a Muziekzaal (private space to interact with other users)

**9. Invite friend to a Muziekzaal**

Priority: 75%

Estimation: 2 weeks

User story:

As a logged it user

I can invite other users from my contact list to a Muziekzaal in which I am in

So I will be able to share the content of the Muziekzaal

Acceptance Criteria:

-I can send an invitation to any user in my contact list

-I can receive an invitation to join a Muziekzaal

**10. Join a Muziekzaal with a linked Spotify account**

Priority: 55%

Estimation: 2 week

User story:

As a logged it user with a synchronized Spotify account

I can join a Muziekzaal though an invitation

So I will be able to share the content of the Muziekzaal

Acceptance Criteria:

-I can add songs to the synchronized playlist

-I can remove songs from the synchronized playlist

-I can chat with people in the same Muziekzaal

-I can listen the synchronized playlist

**11. Join a Muziekzaal without a linked Spotify account**

Priority: 70%

Estimation: 2 week

User story:

As a logged it user

I can join a Muziekzaal though an invitation

So I will be able to see and listen the content of the Muziekzaal

Acceptance Criteria:

-I can chat with people in the same Muziekzaal

-I can listen the synchronized playlist

**12. Leave a Muziekzaal**

Priority: 45%

Estimation: 1 week

User story:

As an user in a Muziekzaal

I can leave the Muziekzaal

So I will no be able to share content in that Muziekzaal

Acceptance Criteria:

-I can leave the Muziekzaal

-I will stop listening the synchronized playlist

-I will not have access to the Muziekzaal chat.

-I can see my profile

- I will be able to join again while it stills open.

# 3. Prioritization and Estimation table

|  |  |  |
| --- | --- | --- |
| **FUNCTIONALITIES** | **PRIORITY** | **TIME ESTIMATION** |
| 1. Create account | 100 % | 2 week |
| 3. Log In | 95 % | 2 weeks |
| 4. Log out | 90 % | 1 week |
| 6. Send friendship request to registered users | 85 % | 3 weeks |
| 8. Create Muziekzaal | 80 % | 3 weeks |
| 9. Invite friend to a Muziekzaal | 75 % | 2 weeks |
| 11. Join a Muziekzaal without a linked Spotify account | 70 % | 2 weeks |
| 12. Leave a Muziekzaal | 65 % | 1 week |
| 5. Link an account to Spotify | 60 % | 3 weeks |
| 10. Join a Muziekzaal with a linked Spotify account | 55 % | 2 weeks |
| 7. Remove an existing friendship | 50 % | 1 week |
| 2. Delete account | 45 % | 1 week |
|  |  |  |